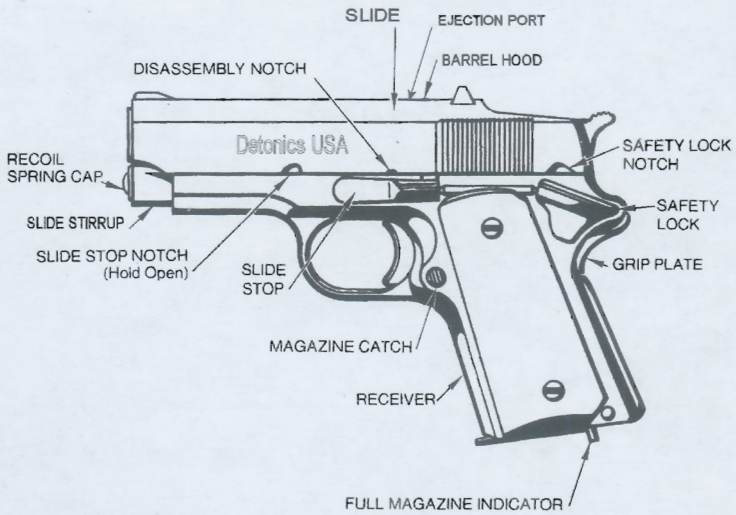
Owner's Manual


SLIDE
EJECTION PORT
BARREL HOOD
DISASSEMBLY NOTCH
Detonics USA
RECOIL SPRING CAP
SLIDE STIRRUP
SLIDE STOP NOTCH (Hold Open)
SLIDE STOP
SAFETY LOCK NOTCH
SAFETY LOCK
GRIP PLATE
MAGAZINE CATCH
RECEIVER
FULL MAGAZINE INDICATOR

Caution: It is your responsibility to read and follow the instructions and warnings in the enclosed instruction manual. If you have difficulties reading or understanding this manual, it is your responsibility to get help so that you fully understand the warnings and instructions in the manual.

I. Key Safety Principles

There are many versions of firearms safety rule lists. You will find Detonics' list in section II below. No matter whether you are familiar with the traditional "10 Commandments of Gun Safety" or some other list of safety rules, following the four key safety principles below should keep you safe:

a. Always point the firearm in a **safe direction**. If you keep the firearm pointed in a safe direction, and have an accidental discharge, no one should be hurt.

b. Always keep your finger **outside the trigger guard** until you are aiming at your target. If your finger is outside the trigger guard you cannot accidentally pull the trigger and fire the pistol.

c. Treat every gun as if it were **loaded**. Otherwise, "I didn't know it was loaded" will be the first thing said after the accident.

d. Maintain **control** over your pistol. Do not drop it, hit it, slide it or handle it in any way that does not allow you to control where the muzzle is pointed. If you do not maintain control over your pistol, chances are very good that someone will be hurt or killed.

II. 10 Commandments of Gun Safety

Certain firearms safety rules have become accepted over time because they work! These "10 Commandments" elaborate on the four key principles in Section I above. Further safety related information can be found in Section IV "General Warnings."

1. Always handle every firearm as if it were loaded.

2. Never point a firearm at anything you do not intend to shoot.

3. Never take anyone's word that a gun is safely unloaded; check this for yourself with your fingers off the trigger and the gun pointed in a safe direction.

4. Always make sure your pistol is not loaded and the slide is locked open

and the magazine removed before setting it down or handing it to another person.

5. Always keep your pistol empty except when you are to fire.

6. Never leave a firearm – loaded or presumed to be unloaded – unattended; children or other unauthorized persons might interact with the firearm in such a fashion as could result in injury, death or damage to property.

7. Know your gun and ammunition.

8. Guns and alcohol don't mix.

9. Never consume alcohol, use narcotics of any type or kind or engage in any practice which might result in an altered state of awareness or physical and/or mental impairment. If you use prescription drugs, confirm with your physician that such prescriptions will in no way impede judgment or physical and/or mental capabilities in such a manner that might prove disadvantageous to safe gun handling.

10. Be sure of your backstop.

III. Instructions

The Detonics CombatMaster has an advanced mechanism which reduces the apparent recoil remarkably below the full sized pistol. This masterpiece of combat design is recognized as one of the finest defensive handguns in the world today and has been copied extensively since its introduction.

a. Description

i. The Detonics CombatMaster is a variant of the type of semi-automatic pistol often referred to as a "1911" or "1911-A1." Because of this, however, it should not be assumed that the Detonics CombatMaster has identical features to other 1911/1911-A1-type firearms. The Detonics CombatMaster is a magazine-fed locked breach semi-automatic pistol which can only fire in a single action manner (meaning that the pistol's firing sequence can only be initiated with the hammer in the full-cock position) for the first and all subsequent shots. Unlike many other 1911/1911-A1-type pistols, the Detonics CombatMaster features no passive firing pin lock and/or block, relying instead and in part for an added measure of safety on superior spring quality in certain key applications of its mechanisms. The Detonics CombatMaster is a unique handgun; and, because of this fact, no handgun features other than those associated with a Detonics CombatMaster (as

produced by Detonics USA, LLC) should be construed to apply to the Detonics CombatMaster.

ii. A number of features contribute positively to the CombatMaster's potential for safe operation and handling, but *no feature* -- mechanical or otherwise — *can substitute for safe gunhandling* procedures and common sense.

iii. The CombatMaster features a *trigger guard* which is analogous to a fence around the trigger to help guard against accidental discharge.

iv. The CombatMaster has a *positive thumb safety*. When the hammer is fully cocked, this thumb safety engages the sear to prevent the hammer from falling while at the same time engaging a notch in the slide to help prevent rearward movement of the slide.

v. Unlike many 1911/1911-Al- type pistols, the CombatMaster's design *does not include a grip safety* of any type.

vi. The CombatMaster employs an *inertial firing pin*. The CombatMaster's firing pin spring is exceptionally strong, providing more resistance and reducing the likelihood of an unintentional discharge in the event the pistol is dropped on its muzzle.

vii. The *disconnector* is still another safety. When the slide is not fully forward or "in battery," the disconnector prevents the hammer from falling if the trigger is pulled.

viii. Half-cock is not a safety position. Do not carry or store the CombatMaster with its hammer in half-cock. The purpose of the half-cock notch is to prevent a "slip fire" during cocking.

b. Loading

i. The CombatMaster's magazine is unique in several ways. It is designed, because of the comparatively short butt of the CombatMaster as compared to other 1911/1911-Al-type pistols, to carry only six rounds instead of seven or eight (although Detonics USA full-length magazines can be used in the CombatMaster; they will extend below the bottom edge of the grip either without or with fitted spacers for a more contiguous gripping surface). The magazine's follower – the elevator-like platform mounted atop the spring system and housed within the magazine tube – is uniquely designed, one of its special features allowing that, when a magazine is fully loaded with six rounds, a small portion of the follower

protrudes from the rearmost portion of the base of the magazine. When the magazine thus loaded is inserted and properly seated up the magazine well (the area within the pistol's grip), this portion protrudes even more, thus achieving the function of a loaded magazine indicator.

ii. For safety reasons, only load live ammunition of the proper caliber into the pistol's magazine only just prior to shooting and never insert the loaded magazine into the pistol until immediately prior to shooting. Always keep the muzzle of the firearm pointed in a safe direction, as if the gun were loaded even if it is not. Once the pistol is loaded, it is even more important that the muzzle of the gun should only be pointed downrange in a safe direction.

iii. Always use clean, properly stored, commercially manufactured ammunition from reputable manufacturers, only in the appropriate caliber (See Barrel Hood).

iv. In order to load the pistol (only when it is safe to do so and firing is imminent), first remove the magazine (the palm of the non-master hand should be positioned below the magazine in order to catch it so that the magazine does not fall and become damaged), setting it aside, then slowly and carefully, always mindful that the muzzle of the firearm must be pointed in a safe direction, draw the pistol's slide fully rearward and, once it has reached its maximum point of retraction, visually and tactilly examine the chamber within the rear of the barrel, accessible through the ejection port in the rearwardly drawn slide, to make certain that the chamber is, indeed, empty. Ascertain that the barrel is clean and free of any obstructions or fouling. The magazine is removed from the pistol by depressing the magazine release catch, a button shaped device located on the left side of the grip frame, near the trigger guard.

v. Grasping the magazine in the non-master hand, introduce cartridges one at a time beneath the feed lips, depressing the follower with the rearmost portion of the cartridge case, sliding the entire cartridge beneath the lips until the rear of the case is flush to the rear of the magazine and the portion of the cartridge housing the bullet is facing forward. Remember that original Detonics CombatMaster magazines are designed to accommodate only six cartridges, rather than seven or eight (as with many full-sized pistols of the general 1911/1911A-1-type). Attempting to introduce more than six rounds into a Detonics CombatMaster six-round magazine can damage the magazine feed lips, etc.

c. Carrying

i. The Detonics CombatMaster is designed to be carried and for personal defense. Concealed carry, personal defense, and/or defense of your home or family may or may not be legal where you live. If concealed carry or defense is not legal where you live, the CombatMaster is not for you.

In many jurisdictions training is mandatory before you are allowed to carry a firearm. Detonics urges you to seek training even if it is not required where you live. Training in law and safety can help you avoid tragic mistakes.

ii. Safe carry: Safe carry for the CombatMaster is either "cocked and locked" like a traditional single action pistol or "hammer down over an empty chamber." The decision about which safe carry option is appropriate is made by you based on your needs, experience and circumstances. Keep in mind that a pistol cannot fire if the chamber is empty.

"Cocked and locked." This phrase describes the position of the hammer and safety for the traditional .45 pistol. The gun is carried with the hammer in the full cock position and the hammer is "locked" back by the safety in the up or safe position. The pistol is ready to fire by moving the safety down into the fire position.

"Hammer down over an empty chamber." This phrase describes the position of the hammer and the condition of the chamber. The hammer is in the down position and the chamber is empty. The pistol is ready to fire by pulling the slide fully to the rear and releasing it into battery. There will be a round brought from the magazine into the chamber, and the hammer will be cocked.

d. Firing

i. When firing is about to commence, introduce the Detonics CombatMaster six-round magazine up the magazine well (located within the grip) of the pistol. If the slide is in the closed position, the loaded magazine indicator which is integral to the follower (the elevator-like platform which supports and raises cartridges under spring pressure) will protrude from the rear of the magazine. Should you elect to "slap" a magazine into position as often seen in movies and television, you run the risk of your hand contacting this loaded magazine indicator in such a manner as could cause injury to the hand. This practice can also damage the magazine in such a manner as to inhibit proper functioning. For these and other

reasons, the practice of "slapping" a magazine into place to insure a proper "lock" is to be avoided completely. Merely push the magazine into place until you hear an audible click and feel the magazine to be properly seated.

ii. If the slide of the pistol was closed when a loaded or partially-loaded magazine was inserted up the butt of the pistol, the slide must be fully retracted (drawn rearward) and then released smartly in order to strip the top cartridge from the magazine and introduce a round into the barrel chamber. REMEMBER! The action of drawing the slide rearward also COCKS THE HAMMER of the pistol. Do not place a finger or any other object in or near the trigger guard. If the slide was locked open (fully retracted) when the loaded or partially-loaded magazine was introduced, the slide can be let forward by either lowering the slide stop (see major parts illustration) or pulling back slightly on the slide, then letting it fly forward.

iii. However one has chosen to introduce a round into the barrel chamber from the loaded or partially loaded magazine, the pistol is now CHAMBER LOADED and the merest touch to the trigger might produce a dangerous and/or unwanted discharge of a live round! Always maintaining the muzzle of the firearm pointed in a safe direction, immediately raise the thumb safety (see major parts illustration). Do not put your trigger finger or any other digit or object into or near the trigger guard lest the trigger inadvertently be touched!

iv. The two methods outlined above for introduction of a live round to the chamber both involve a live round being stripped by the action of the closing slide from the top of the magazine. One should never merely "drop" a round of ammunition into the chamber of the pistol. This could precipitate an accidental discharge and will, over time, possibly damage the extractor. If you wish to have the magazine fully loaded after a round has been introduced properly into the barrel chamber, remove the magazine, set the pistol safely aside and introduce a final round beneath the feed lips into the magazine, then reinsert the magazine up the butt of the pistol.

v. When you have completed firing, you may find that the pistol's slide is locked open, thus indicating that the magazine has completely emptied and the magazine follower has performed its other function of locking the slide rearward. Or, if you have not emptied the magazine, but merely elected to cease firing, the slide will be closed (in the fully forward position) with the hammer cocked and the thumb safety off. This is an unsafe condition and

must be corrected at once!

e. Unloading without firing

To unload the pistol, with the muzzle of the pistol pointed downrange and finger outside the trigger guard, depress the magazine catch release button with the thumb of the master hand, the off hand positioned to catch the magazine when it begins to fall clear of the butt of the pistol. If the pistol's slide is in the closed position, it must be assumed that the barrel chamber is loaded with a live round. This is a potentially hazardous situation! Keeping the muzzle of the pistol pointed downrange, carefully lower the thumb safety. With the thumb safety depressed, the slide can now carefully be drawn rearward with the offhand (Remember to keep the muzzle of the pistol pointed downrange throughout this entire operation! Remember to keep fingers or other objects away from the trigger guard and away from the trigger itself!) to the open position. As this is accomplished, in the properly functioning pistol, the round positioned in the barrel chamber will be engaged by the hook of the extractor and ejected through the ejection port in the slide.

With the magazine removed and the slide drawn fully rearward, the pistol should now be empty; but, never assume that the pistol is safe.

Pick up the magazine which you have removed from the pistol. Ascertain if it still contains ammunition. If it does, remove the ammunition by sliding the cartridges forward one round at a time from beneath the feed lips, letting the ammunition fall to a clean, dry surface. After all the cartridges have been removed, place the empty magazine in a safe place separate from the pistol. Carefully inspect any cartridges removed from the magazine to determine their suitability for future use. Segregate them according to condition.

f. Cleaning

You can expect long life and dependable trouble-free operation from your Detonics USA pistol if normal care and handling are observed. Use only domestic commercial brands of ammunition since some military and foreign rounds employ corrosive primers necessitating a thorough hot water cleansing of both barrel and slide.

Employ a high quality, modern name brand powder solvent when cleaning the pistol. Use a polished soft metal cleaning rod with a jag tip and a brass bore brush. Cut new cotton flannel patches to fit snugly in the barrel bore. Following the cleaning and drying operation, lubricate the parts with a modern, light non-gumming gun oil.

Cleaning Procedure:

i. Remove the magazine and check to insure there is no cartridge in the chamber.

ii. Field strip the pistol as described in Disassembly.

iii. Use a polished soft metal rod to run a cotton flannel patch soaked in nitro solvent from the breech into the barrel bore. Scrub the bore with a brass bore brush and nitro powder solvent. Run additional solvent soaked cotton flannel patches through the bore with the jag tip. When the bore is clean, follow with a dry patch and then a patch soaked with the gun oil. Exterior and working surfaces, tarnished by use and handling, may be cleaned with a clean toothbrush and nitro solvent followed with the gun oil lubricant. Do not use this toothbrush for any other purpose, including brushing teeth. Avoid unnecessary skin contact with oils or solvents. Follow the manufacturer's directions and safety warnings.

iv. Reassemble the Detonics USA pistol after wiping each part with an oily cloth.

Lubrication

i. Your pistol is factory lubricated with a high quality, modern lubricant.

ii. Do not remove this factory lubrication until the pistol has been fired a minimum of 200 rounds unless absolutely necessary (i.e., dropped in sand or otherwise very dirty). Powder fouling may be wiped off affected surfaces and bore cleaned as necessary.

iii. If lubrication must be renewed or replaced after cleaning during this period, a tube of a high quality, modern lubricant has been included for this purpose.

iv. The areas that should remain coated with lubrication for proper break-in are:

a. Rails of both receiver and slide
b. Locking lug area in slide
c. Exterior surfaces of the barrel wherever it contacts the slide or frame
d. Bottom surface of slide where disconnector travels between the breach face and firing pin stop

e. After the recommended break-in period, standard lubricating techniques can be followed

g. Disassembly

i. Depress the magazine catch to remove the magazine. Next, check to assure there is no cartridge left in the chamber by moving the slide to the rear, thereby opening the breech (barrel chamber) for examination.

ii. Draw the slide to the rear until the disassembly notch on the slide is in line with the back end of the slide stop. Push the projecting end of the slide stop on the side of the receiver opposite the disassembly notch above the trigger guard into the receiver as far as you can (the slide stop should now be out from the side of the receiver). Ease the slide forward until the barrel is engaged into the battery position (If the slide ceases movement before the barrel goes into battery, it indicates that the slide stop has not been moved far enough out from the receiver and needs to be pushed or pulled further). Now, lift out the slide stop.

iii. Hold the pistol upside down, and draw the slide, barrel and recoil spring assembly forward, clear of the receiver.

iv. Remove the recoil spring assembly from the slide by tilting the barrel link backward and drawing the recoil spring assembly back out of the slide until the recoil spring cap clears the slide stirrup. Next, remove the barrel itself by lifting the rear of the barrel out of the locking lugs and pushing it forward out of the slide.

h. Storage

DANGER: Securing your firearm may inhibit access to it in a defense situation and result in injury or death.

DANGER: Failure to properly secure a firearm may result in injury or death.

Once the pistol is to be transported into storage or for cleaning, you may wish to close the slide, allowing it to return to its forward position. It is recommended, however, that at all times when the pistol is not to be fired, the cable safety lock provided with the pistol should be applied according to lock manufacturer's directions.

IV. General Warnings

Caution: Detonics pistols are chambered in several different calibers. Make certain you are loading your pistol with the caliber of ammunition denoted on the barrel hood.

Warning: Detonics pistols will fire with the magazine removed.

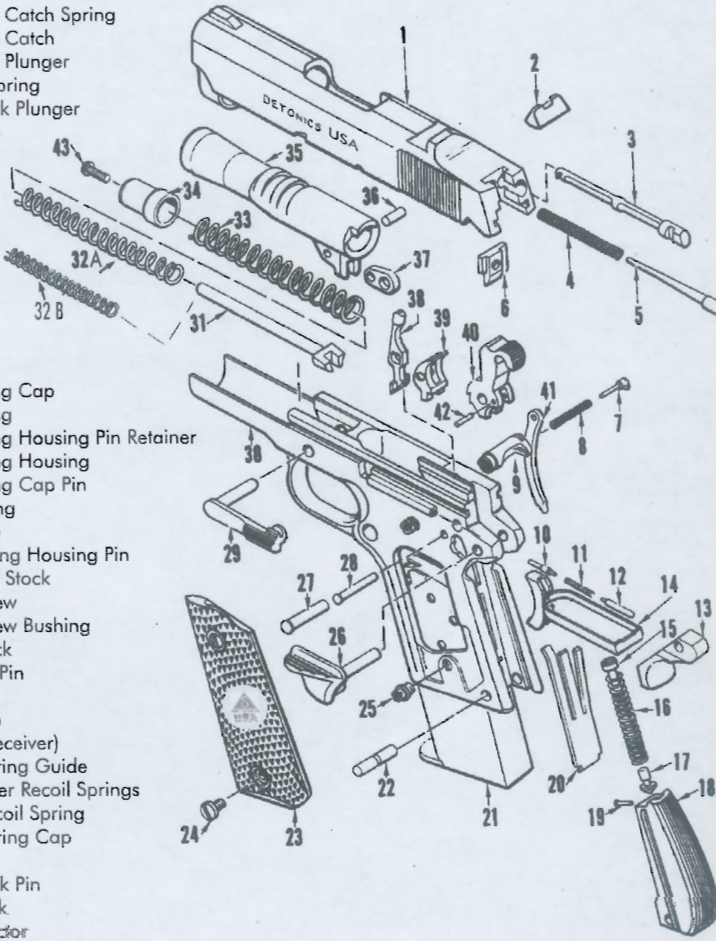
Warning: The CombatMaster is not equipped with a pistol grip safety.

Warning: Never fire at water or any hard or flat surface. Deadly ricochet may result.

Warning: Never de-cock or un-cock a Detonics pistol without removing the magazine and drawing the slide fully to the rear to eject any remaining ammunition. Otherwise, an accidental discharge, injury or death may result.

Caution: Do not throw away any instructions, warnings or packaging you receive with this pistol. If you sell or give this pistol to another person, give them all instructions, warnings and packaging materials.

1. Slide
2. Rear Sight
3. Extractor
4. Firing Pin Spring
5. Firing Pin
6. Firing Pin Stop
7. Magazine Catch Lock
8. Magazine Catch Spring
9. Magazine Catch
10. Slide Stop Plunger
11. Plunger Spring
12. Safety Lock Plunger
13. Grip Plate
14. Trigger



15. Mainspring Cap
16. Mainspring
17. Mainspring Housing Pin Retainer
18. Mainspring Housing
19. Mainspring Cap Pin
20. Sear Spring
21. Magazine
22. Main Spring Housing Pin
23. Left Hand Stock
24. Stock Screw
25. Stock Screw Bushing
26. Safety Lock
27. Hammer Pin
28. Sear Pin
29. Slide Stop
30. Frame (Receiver)
31. Recoil Spring Guide
32A, 32B Inner Recoil Springs
33. Outer Recoil Spring
34. Recoil Spring Cap
35. Barrel
36. Barrel Link Pin
37. Barrel Link
38. Disconnector
39. Sear
40. Hammer
41. Hammer Strut
42. Hammer Strut Pin
43. Recoil Spring Guide Screw

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